

## EAST Search History

| Ref # | Hits   | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|------------------------|------------------|---------|------------------|
| L1    | 1      | 10/719285.app.  | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:46 |
| L2    | 2229   | (record\$4 writ\$4) near6 ((multipl\$4 plural\$4) near4 (speed velocity)) | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L3    | 282868 | (record\$4 writ\$4) near6 (tim\$4 strategy)                               | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L4    | 334    | L2 near10 L3  | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L5    | 90     | L4 and "369".clas.  | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L6    | 19     | (pulse power) near4 (tim\$4 edg\$4) near10 L2                             | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L7    | 120834 | (record\$4 writ\$4 linear) near6 (speed velocity)                         | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L8    | 17384  | average near6 constant  | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L9    | 72     | L8 near10 L7  | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L10   | 1446   | (mark pit) near6 inclin\$8  | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L11   | 282868 | (record\$4 writ\$4) near6 (tim\$4 strategy)                               | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L12   | 2375   | proportion\$4 near10 L7   | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L13   | 124    | L12 near10 L11  | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L14   | 1      | L13 and L10   | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L15   | 1074   | ((369/47.51) or (369/47.52) or (369/59.11) or (369/59.12)).CCLS.          | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2007/07/02 11:49 |
| L16   | 6      | L10 and L15   | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L17   | 1      | ("7177254").PN.   | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2007/07/02 11:49 |
| L18   | 34     | L9 and "369".clas.  | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L19   | 37     | L13 and "369".clas.   | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L20   | 6      | L10 near10 L7   | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |
| L21   | 13     | L10 near6 (average mean)  | US-PGPUB; USPAT        | OR               | ON      | 2007/07/02 11:49 |

## EAST Search History

|     |       |  |                 |    |    |                  |
|-----|-------|--|-----------------|----|----|------------------|
| L22 | 73725 | edge near4 (shift tim\$4)  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L23 | 91104 | (record\$4 writ\$4 linear) near3 (speed velocity)  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L24 | 72    | L22 near10 L23   | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L25 | 29    | L24 and "369".clas.  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L26 | 0     | (check\$4 judg\$5 test\$5 evaluat\$5) near10 L22 near10 L23  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L27 | 1673  | (judg\$5 check\$4 evaluat\$4) near4 interpolat\$4  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L28 | 3     | L27 near10 L22   | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L29 | 7     | (check\$4 judg\$5 test\$5 evaluat\$5) near10 L22 same L23  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L30 | 63044 | (multipl\$4 plural\$5) near4 (velocity speed)  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L31 | 131   | (difference subtract\$4) near10 (front trail\$4 rear side) near10 (value signal voltage) near10 (mark pit) | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L32 | 85    | L31 and "369".clas.  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L33 | 6     | L32 and L30  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L34 | 2387  | (measur\$4 detect\$4) near4 (mark pit) near4 (length size duration)  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L35 | 31517 | (record\$4 writ\$4) near4 (parameter strategy)   | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L36 | 93319 | identification near4 information   | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L37 | 76    | L36 near6 L35  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L38 | 61    | (difference subtract\$4) near4 (front trail\$4 rear) near4 sampI\$4  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L39 | 10    | L38 and "369".clas.  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L40 | 58    | L34 near10 (average mean)  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L41 | 1694  | (average mean) near3 (value voltage level) near10 (reproduc\$4 read\$4) near5 (signal mark pit)            | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L42 | 62    | L41 and L30  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |
| L43 | 25    | L42 and "369".clas.  | US-PGPUB; USPAT | OR | ON | 2007/07/02 11:49 |

## EAST Search History

|     |        |  |                              |    |    |                  |
|-----|--------|--|------------------------------|----|----|------------------|
| L44 | 1      | L40 and L30  | US-PGPUB;<br>USPAT           | OR | ON | 2007/07/02 11:49 |
| L45 | 32491  | (average mean) near3 (value voltage level)                           | EPO; JPO                     | OR | ON | 2007/07/02 11:49 |
| L46 | 106209 | (reproduc\$4 read\$4) near4 (mark pit signal)                        | EPO; JPO                     | OR | ON | 2007/07/02 11:49 |
| L47 | 12231  | (multipl\$4 plural\$5) near4 (velocity speed)                        | EPO; JPO                     | OR | ON | 2007/07/02 11:49 |
| L48 | 5      | L45 and L46 and L47  | EPO; JPO                     | OR | ON | 2007/07/02 11:49 |
| L49 | 19     | L40 and "369".clas.  | US-PGPUB;<br>USPAT           | OR | ON | 2007/07/02 11:49 |
| L50 | 1      | 10/719285.app.   | US-PGPUB;<br>USPAT           | OR | ON | 2007/07/02 11:49 |
| L51 | 37     | L37 and "369".clas.  | US-PGPUB;<br>USPAT           | OR | ON | 2007/07/02 11:49 |
| L52 | 368071 | (subtract\$4 difference) near4 (voltage average value level)         | US-PGPUB;<br>USPAT           | OR | ON | 2007/07/02 11:49 |
| L53 | 1446   | (mark pit) near6 inclin\$7   | US-PGPUB;<br>USPAT           | OR | ON | 2007/07/02 11:49 |
| L54 | 3      | L53 near10 L52   | US-PGPUB;<br>USPAT           | OR | ON | 2007/07/02 11:49 |
| L55 | 26     | ("5732062"   "5790482"   "5923625").PN.<br>OR ("6459666").URPN.      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/07/02 11:49 |
| L56 | 80872  | (subtract\$4 difference) near4 (voltage average value level)         | EPO; JPO                     | OR | ON | 2007/07/02 11:49 |
| L57 | 3      | ("20050099924"   "5396480"   "5732062").<br>PN. OR ("7133337").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/07/02 11:49 |
| L58 | 1597   | L52 near10 (asymmetry beta)  | US-PGPUB;<br>USPAT           | OR | ON | 2007/07/02 11:49 |
| L59 | 128    | L58 and "369".clas.  | US-PGPUB;<br>USPAT           | OR | ON | 2007/07/02 11:49 |
| L60 | 19     | L53 same L52   | US-PGPUB;<br>USPAT           | OR | ON | 2007/07/02 11:49 |
| L61 | 484    | (mark pit) near6 inclin\$7   | EPO; JPO                     | OR | ON | 2007/07/02 11:49 |
| L62 | 9      | L56 and L61  | EPO; JPO                     | OR | ON | 2007/07/02 11:49 |
| L63 | 4133   | (front lead\$4) near4 (subtract\$4 difference) near4 (rear trail\$4) | US-PGPUB;<br>USPAT           | OR | ON | 2007/07/02 11:49 |
| L64 | 4      | L63 same ((mark pit) near6 (inclin\$7 asymmetry beta))               | US-PGPUB;<br>USPAT           | OR | ON | 2007/07/02 11:49 |
| L65 | 26     | ("5732062"   "5790482"   "5923625").PN.<br>OR ("6459666").URPN.      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/07/02 11:54 |